



MI-CW2623

Michigan Crop Weather

June 26, 2023

Field Crops

Respondents reported crop growth falling behind normal due to the lack of precipitation, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.4 days suitable for fieldwork in Michigan during the week ending June 25, 2023. According to the latest U.S. Drought Monitor, counties in the western half of the Upper Peninsula and the northern and thumb regions of the Lower Peninsula were abnormally dry, while the rest of the Lower Peninsula’s major crop growing counties were in moderate drought. Ionia County and surrounding areas were rated in severe drought. Second cutting hay was underway, the dry weather continued to affect production. **Corn, soybean, barley, and wheat** conditions all suffered due to lack of moisture. Growers reported that cooler temperatures helped relieve crop stress amidst the dry weather. Fire conditions are rated at ‘high’ in the Upper Peninsula and ‘very high’ in the Lower Peninsula.

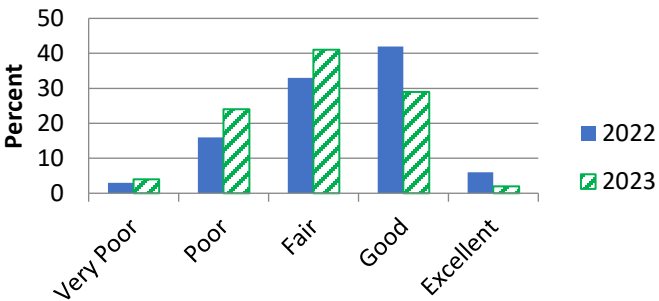
Fruit

Despite droughty conditions, fruit continued to size across the State. Irrigation equipment, where available, ran frequently. A cool front passed through the State and provided a bit of much-needed precipitation to some areas. Rainfall totals varied and not all areas received rain. Some areas of the Southeast received severe weather, including hail, which damaged crops. In the South, June drop in **apples** continued. In the Southeast, king fruit were around 40 mm. In the West Central, early varieties ranged in size from 32-43 mm with later ripening varieties ranging in size from 24-30 mm. Growers were hand thinning varieties with fruit set heavier than anticipated. In the Southwest, **tart cherries** were mostly red. Fruit sizing was inhibited by dry conditions. In the West Central, tart cherry fruit measured at 15 –19 mm. In the Northwest, Montmorency cherries were 14 mm. In the South, **peach** fruit were sizing rapidly with hand thinning underway. In the Southeast, pits were beginning to firm; fruit were around 30 mm. In the Southwest, early **blueberry** varieties were just beginning to color.

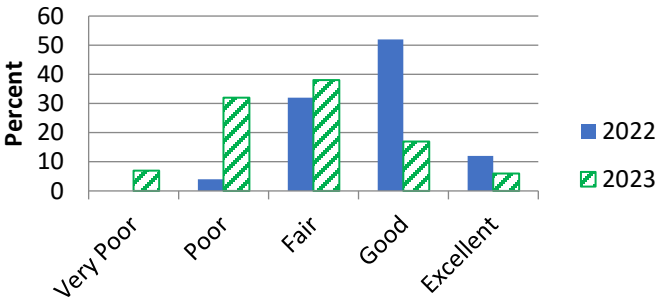
Vegetables

Hot weather conditions continued to challenge Michigan vegetable producers as they moved forward with their field activities. Symptoms of heat stress could be seen in **broccoli** and **cauliflower**. Sporadic hailstorms across the State caused severe damage for growers whose fields were affected. Plantings of **cucurbits** and **sweet corn** were ongoing, while harvest was proceeding for **summer squash**. Various vegetables, including **peppers, pumpkins, and tomatoes**, showed growth. Insect activity was detected on **eggplants** and **potatoes**, prompting producers to use insecticides when needed.

Winter Wheat Condition



Soybean Condition



Crop Condition: Week Ending 06/25/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	5	25	42	23	5
Soybeans	7	32	38	17	6
Winter Wheat	4	24	41	29	2
Barley	16	35	30	19	0
Dry Edible Beans.....	4	11	34	48	3
Oats	10	22	47	20	1
Sugarbeets	6	18	32	34	10
Range and Pasture	24	44	22	9	1

Crop Progress: Week Ending 06/25/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	6.4	6.2	-	-
Corn Emerged	96	92	97	91
Soybeans Emerged	93	90	94	86
Soybeans Blooming	1	NA	4	1
Winter Wheat Headed	95	93	94	91
Winter Wheat Mature	5	0	13	9
Barley Emerged.....	95	90	96	NA
Barley Headed	4	3	14	NA
Dry Edible Beans Planted.....	86	80	90	75
Dry Edible Beans Emerged ...	74	53	85	59
Alfalfa Hay 1st Cutting	92	86	84	75
Alfalfa Hay 2nd Cutting	12	1	12	NA
Other Hay 1st Cutting.....	91	85	69	56
Other Hay 2nd Cutting	4	1	5	NA
Oats Headed	32	23	41	38

Soil Moisture: Week Ending 06/25/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	45	40	15	0
Subsoil moisture.....	50	37	13	0

Weather Summary For Michigan												
Week Ending 2023-06-25								Since April 1				
Temperature								Precipitation			GDD Base 50	
High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total	DFN
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	89	52	68	7	0.18	2		4.94	-1.55	28	517	162
IRONWOOD	88	57	72	9	1.16	4		11.85	3.08	32	611	153
CHATHAM EXPERIMENT FARM 2	89	47	68	6	0.00	0		10.46	2.76	27	419	19
Northwest LP												
BEULAH 7SSW	89	56	72	7	0.00	0		5.16	-3.94	27	718	141
FRANKFORT 2NE	90	61	74	9	0.60	1		5.03	-3.35	20	751	231
TRAVERSE CITY CHERRY CAPITAL AP	91	53	73	6	2.29	1		7.15	-0.81	23	762	207
Northeast LP												
ALPENA COUNTY REGIONAL AP	91	47	67	3	0.05	1		6.11	-1.11	25	566	99
GAYLORD 9SSW	87	54	70	6	2.69	1		8.20	-0.60	23	665	180
GLENNIE 2SE	88	46	66	2	0.00	0		7.25	-2.74	23	539	66
HALE LOUD DAM	82	49	67	1	0.00	0		7.75	-0.38	25	588	67
ONAWAY 4N	86	45	66	0	0.00	0		6.26	-1.34	23	426	-154
West Central LP												
MUSKEGON COUNTY AP	94	61	76	8	0.03	1		3.57	-4.75	20	903	203
Central LP												
CENTRAL MICHIGAN UNIVERSITY	86	50	69	1	0.00	0		5.54	-3.77	16	680	-8
GLADWIN	89	51	71	4	0.00	0		5.37	-3.76	22	677	47
MIDLAND	81	62	72	2	0.27	1		4.61	-4.67	20	447	-298
East Central LP												
BAD AXE	85	53	70	3	0.02	1		8.12	-0.43	29	627	19
SAGINAW #3	89	56	73	3	0.04	1		5.53	-3.87	27	773	30
SAGINAW MBS INTL AP	89	55	72	3	0.79	2		4.74	-4.02	23	799	67
VASSAR	88	49	70	2	0.04	1		3.85	-5.73	16	445	-193
Southwest LP												
BENTON HARBOR	92	58	73	3	0.38	1		4.89	-4.89	23	747	-85
DOWAGIAC 1 W	88	46	70	1	0.25	1		6.85	-3.47	28	699	-54
GRAND RAPIDS GERALD R FORD INTL AP	91	57	75	4	0.23	1		4.41	-6.09	25	881	60
HOLLAND TULIP CITY AP	93	59	75	5	0.50	1		4.69	-5.33	23	865	39
South Central LP												
COLDWATER ST SCHOOL	89	58	72	3	0.00	0		4.94	-5.59	18	778	-2
HASTINGS	90	52	72	4	0.00	0		5.97	-4.47	23	750	47
JACKSON REYNOLDS FIELD	88	52	72	3	0.36	1		4.11	-4.54	26	541	-232
LANSING CAPITAL CITY AP	91	59	75	5	0.15	1		5.15	-4.16	25	901	129
THREE RIVERS	91	54	73	2	0.00	0		5.16	-5.20	24	852	6
Southeast LP												
ADRIAN 2 NNE	86	52	70	1	1.18	3		6.04	-4.26	27	749	18
ANN ARBOR U OF MICH	86	48	70	0	0.12	1		5.77	-3.96	32	729	-132
CHELSEA	88	50	71	1	0.15	2		4.49	-4.31	25	731	-27
FARMINGTON	85	52	70	1	0.17	1		7.16	-1.73	23	752	24
MANCHESTER	87	48	70	0	0.26	1		5.04	-4.66	25	725	-26
PORT HURON	80	60	70	1	0.00	0		7.60	-1.24	22	700	1

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1991-2020 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees fahrenheit.